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SECTION I. (AMENDMENTS TO THE CLAIMS)

A listing of claims 1-4 of the present application, which are amended herein with markings to show changes made, is provided below:

1. (Currently amended) A DRAM cell array which comprises:

a plurality of memory cells which are arranged in rows and columns, each memory cell including a deep trench region having a vertical MOSFET and an underlying capacitor formed therein that are in electrical contact to each other through at least one buried-strap out diffusion region which is present within a portion of a wall of each deep trench;

each memory cell having a deep trench conductor forming an electrode of said underlying capacitor and a collar oxide region formed in a portion of the deep trench;

the collar oxide region formed on a remaining wall portion of each deep trench not containing said buried-strap out diffusion region for electrically isolating a body region from said underlying capacitor;

a trench top oxide (TTO) layer located inside the deep trench without extending upwardly along vertical walls of the deep trench formed on a horizontal surface of the DRAM cell array for isolating the deep trench conductor-forming an electrode of said underlying capacitor and said buried-strap out diffusion region from a gate conductor region;

an underlying nitride layer formed immediately adjacent to and contacting a top of a sacrificial oxide layer formed immediately adjacent to and contacting a top of said deep trench conductor between the top of said deep trench conductor and said buried-strap out diffusion region and underlying said TTO layer to eliminate a possibility of TTO layer dielectric breakdown between said gate conductor region and said electrode of said underlying capacitor.

- 2. (Original) The DRAM cell array of Claim 1, wherein said nitride layer is deposited to a thickness ranging from 1.0 nm 10.0 nm.
- 3. (Previously amended) The DRAM cell array of Claim 1, wherein each said vertical MOSFET includes gate dielectrics formed on inner surfaces of sidewalls of each said deep trench.
- 4. (Original) The DRAM cell array of claim 1, wherein the underlying nitride layer is formed only under and on the side of the TTO layer.